

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

**MICHAEL R. STYLER**  
Executive Director

### Division of Oil, Gas and Mining

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Division Director

### Inspection Report Minerals Regulatory Program October 15, 2009

Reviewed: AKH

<b>Mine Name:</b> Indian Queen	<b>Permit Number:</b> M0010019
<b>Operator Name:</b> Gary Applegate	<b>Inspection Date:</b> 04/21/2009
<b>Inspector(s):</b> Tom Munson	<b>Time:</b> 4PM
<b>Other Participants:</b> none	<b>Mine Status:</b> reclaimed

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Reclamation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Purpose of Inspection:

To determine if the site could be released and retired.

#### Inspection Summary:

The site was regraded and reclaimed in July of 2006 and seeded. An inspection in May of 2007 revealed that nothing had grown onsite, except a few weedy species. Being an exceptionally dry year, it was determined that this may have been a factor and contributed to the lack of success. It was recommended to the operator, that the whole site be reseeded that fall, which it was. After being reseeded in the fall of 2007 and then reinspected in 2008 and 2009, the vegetation became established in the upper half of the property but not in the lower half of the site.

Photos were taken to document site conditions.

#### Conclusions and Recommendations:

It has been determined, due to extreme drought conditions and the number of seedings, that the revegetation work has been satisfactorily completed within practical limits. Therefore, the recommendation is, that the site be released and retired.

#### Inspector's Signature

CC: Gary Applegate

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Thomas Munson 11/10/2009





Lower pad area



Upper pad



Upper pad



Lower highwall remaining